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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/871,861	06/01/2001	Thierry Bedos	10984.4US01	1445

25883 7590 11/21/2005

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EXAMINER
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DINH, KHANH Q

ART UNIT	PAPER NUMBER
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2151

DATE MAILED: 11/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/871,861

Applicant(s)

BEDOS ET AL.

Examiner

Khanh Dinh

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 October 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3,5-9,11-15 and 17-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3,5-9,11-15 and 17-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### ***Continued Examination Under 37 CFR 1.114***

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/11/2005 has been entered.
2. Claims 4, 10 and 16 are canceled. Claims 1-3, 5-9, 11-15, 17-28 and new claims 29-31 are presented for examination.

### ***Claim Objections***

3. Claims 5, 11, 17 are objected to because of the following informalities:  
  
Claims 5, 11 and 17 are dependent claims of **canceled** claims 4, 10 and 16 respectively. Applicant is remind to correct this error in response to this Office Action.  
  
Appropriate correction is required.

### **Claim Rejections - 35 USC § 112**

4. The following is a quotation of the second paragraph of 35 U.S.C. 112:  
  
The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

The terms "substantially" in claims 1, 2, 3, 22 is a relative term which render the claim indefinite. The term "substantially" is not defined by the claims, the specification does not provide a standard for ascertaining the requisite degree, and one of ordinary skill in the art would not be reasonably apprised of the scope of the invention.

***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

6. Claims 22-28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hanson et al. (hereafter Hanson), U.S. Pat. No.6,505,233 in view of Jacobs et al. (hereafter Jacobs), "Filling HTML forms Simultaneously: CoWeb – Architecture and

Functionality", Computer Networks and ISDN Systems, NL, North Holland Publishing, Amsterdam, Vol.28, no. 7-11, pages 1385-1395, May 1996.

As to claim 22, Hanson discloses a method for exchange of data and user interface components over a network, the method including the steps of:

(a) enabling a first user (one of participants 1-4 fig.1) to logon to a server [a web server (16 fig.2) included server (6 fig.1)] (enabling participants to connect to the server and configuring to verify which participate is online/off line, see figs.1, 2, col.7 lines 11-48 and col.8 lines 3-20) and enabling the first user to create a message (electronic form) containing a data object (HTML form including name, network address, comment, see fig.3, col.8 lines 28-52).

(b) receiving from the first user the message together with an identity (network address field) of at least one second user (other participant(s) who should receive the form) to whom the message is to be sent (see fig.3, col.8 line 53 to col.9 line 28).

(c) sending the message to the second user upon the second user logging on to the server (the server send an email message to notify the receiving participants that a zaplet has been initiated and a segment to instruct a participant to view a web page according to the segment, see col.9 lines 29-65).

Hanson suggests that multiple users (participants) can view the electronic form including the data object (see col.9 lines 29-65) but not simultaneously. However, Jacobs discloses enabling users to substantially simultaneously open and view the message (allowing users to simultaneously view and use any HTML document, see Jacobs' abstract, sections 1, 2, 3.1.3). It would have been obvious to one of the

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ordinary skill in the art at the time the invention was made to incorporate Jacobs' teaching into the system of Hanson to support simultaneous work in the World Wide Web because it would have enabled two or more users at remote locations to work with the same HTML document, required no modifications of the servers (see Jacobs' section 1) and thus reduced hardware or software overheads in a communications network.

As to claim 23, Hanson discloses a method as claimed in claim 1, wherein the data object includes all data needed to parameterize a graphical component of the user interface such that the second user can recreate the graphical component, the data object also being a component of the user interface (users from external sources can use content of the zaplet customizable and programmable zaplet, containing various text and graphical regions to execute a variety of functions and applications, see Hanson's col.4 line 54 to col.5 line 19 and col.7 lines 11-48).

As to claim 24, Hanson discloses a method as claimed in claim 4, wherein both the first user and the second user (participants) can deal with the data object in real time such that both the first user and the second user can view the result of the dealing (participants can view and input comments according to the content of the electronic form and the zaplet), the dealing with the data object being one or more selected from the group consisting of: highlighting, amending, deleting, and changing presentation as by text size, color, font, and so forth (participants can create a personal zaplet by

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inputting the text passage in the interaction part of the zaplet and displaying the update images, see Hanson's fig.7, col.12 lines 12-59).

As to claim 25, Hanson further discloses that at login the first user provides a first user identifier information (Participant's information with a network address) (providing an electronic form including eligible participants ' name and network address field), the first user information being included in the message together with a second user information of the second user (sending to the server with the information to the other of the participants), the first user and the second user both being registered with the server (see Hanson's figs.3, 4, col.8 line 46 to col.9 line 37 and col.10 lines 27-60).

As to claim 26, Hanson further discloses a method as claimed in claim 6, wherein the second user is a plurality of users (participants 1-4 of fig.1, see Hanson's col.7 lines 11-39).

As to claim 27, Hanson further discloses a method as claimed in claim 1, wherein to send the message the first user (participant) drags and drops the message (transferring the form including HTTP request information) onto a transfer area (image server 18 fig.2) of a graphic user interface whereupon the message is sent to the server (encoding the request information into a compatible format with browsers, see Hanson's fig.2, col.7 line 52 to col.8 line 45).

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As to claim 28, Hanson further discloses a method as claimed in claim 6, wherein the message can be in one or more of a plurality of categories (various classes of participants), the first user and the second user specifying those categories of messages they wish to receive when registering with the server, the server maintaining a list of all categories (five classes of email clients: new PC email clients, web clients, older email clients, text email clients and American On Line clients) and, before sending the message to the second user, ensures it is of a category which the second user will receive, the message including at least one category into which the message can be classified (server can be configured to identify the capability of a participant, see Hanson's fig.4, col.10 lines 26-60 and col.11 lines 4-46).

7. Claims 1-3, 5-9, 11-15, 17-21 and 29-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hanson (hereafter Hanson), U.S. pat. No.6,505,233 in view of Grauman, U.S. Pat. No.6,707,472 and further in view of Jacobs et al. (hereafter Jacobs), "Filling HTML forms Simultaneously: CoWeb – Architecture and Functionality", Computer Networks and ISDN Systems, NL, North Holland Publishing, Amsterdam, Vol.28, no. 7-11, pages 1385-1395, May 1996.

As to claim 1, Hanson discloses a method for exchange of data and user interface components over a network, the method including the steps of:

(a) enabling a first user (one of participants 1-4 fig.1) at a first location to logon to a server [a web server (16 fig.2) included server (6 fig.1)] (enabling participants to connect to the server and configuring to verify which participant is online/off line, see



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figs.1, 2, col.7 lines 11-48 and col.8 lines 3-20) and enabling the first user to create a message (electronic form) containing a data object (HTML form including name, network address, comment, see fig.3, col.8 lines 28-52).

(b) receiving from the first user the message together with an identity (network address field) of at least one second user (other participant(s) who should receive the form to whom the message is to be sent (see fig.3, col.8 line 53 to col.9 line 28).

(c) sending the message to the at least one second user upon the second user at the second location if the second user is connected to the server [the server send an email message to notify the receiving participants (other participants of 1-4 of fig.1) that a zaplet has been initiated and a segment to instruct the participant to view a web page according to the segment, see col.9 lines 29-65].

Hanson does not specifically disclose modifying a graphical interface of any of a plurality of applications, the graphical user interface including a graphical object and a data object, wherein the graphical user interface including a graphical object generates a graphical component of the graphical user interface and the data objects includes all data needed to parameterize a graphical component of the modified graphical user component such that at least one second user can recreate at a second location the modified graphical user interface, the data object also being a data component of the modified graphical user interface, extracting a data object from said modified graphical user interface component and creating a message in a first format containing said data object and recreating the data object from said message in a first format and generating graphical object and the modified graphical user interface component at the second

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user from said data object. However, Grauman discloses users to modify a graphical interface component of a plurality of applications, the graphical user interface including a graphical object and a data object, wherein the graphical user interface including a graphical object generates a graphical component of the graphical user interface and the data objects includes all data needed to parameterize a graphical component of the modified graphical user component such that at least one second user can recreate at a second location the modified graphical user interface, the data object also being a data component of the modified graphical user interface (allowing users to create formats or to make changes of a new email message by providing a list of available templates and custom controls placed in an e-envelope window, see figs.1, 2, abstract, col.4 line 38 to col.5 line 20 and col.6 lines 5-60), extracting a data object from said modified graphical user interface component and creating a message in a first format containing said data object and recreating the data object from said message in a first format and generating the modified graphical user interface component at the second user from said data object (formatting the e-envelope before transmitting email messages, see col.5 lines 21-49 and col.7 lines 9-61). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Grauman's teachings in the computer system of Hanson to process data information because it would have allowed email messages to be displayed consistently in different computer programs and networks and dramatically extended the capabilities of email communications.

Hanson further suggests that multiple users (participants) can view the electronic form including the data object (see col.9 lines 29-65) but neither Hanson not Grauman

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discloses that users can view a electronic firm simultaneously. However, Jacobs discloses enabling users to substantially simultaneously open and view the message (allowing users to simultaneously view and use any HTML document, see Jacobs' abstract, sections 1, 2, 3.1.3). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to incorporate Jacobs' teaching into the system of Hanson to support simultaneous work in the World Wide Web because it would have enabled two or more users at remote locations to work with the same HTML document, required no modifications of the servers (see Jacobs' section 1) and thus reduced hardware or software overheads in a communications network.

As to claim 2, Hanson discloses a method for the exchange of data and user interface components over a network, the method including the steps of:

(a) a first user (one of participants 1-4 fig.1) logging on to a server [a web server (16 fig.2) included server (6 fig.1)] (enabling participants to connect to the server and configuring to verify which participate is online/off line, see figs.1, 2, col.7 lines 11-48 and col.8 lines 3-20).

(b) sending the message to the server for on sending to a second user (one of participants) such that both the first user and the second user (participants) can substantially open and view the message including the data object (the server send an email message to notify the receiving participants that a zaplet has been initiated and a segment to instruct a participant to view a web page according to the segment, see col.9 lines 29-65).

Hanson does not specifically disclose modifying a graphical interface component of a plurality of applications, the graphical user interface including a graphical object and a data object, wherein the graphical user interface including a graphical object generates a graphical component of the graphical user interface and the data objects includes all data needed to parameterize a graphical component of the modified graphical user component such that at least one second user can recreate at a second location the modified graphical user interface, the data object also being a data component of the modified graphical user interface, extracting a data object from said modified graphical user interface component and creating a message in a first format a data object and recreating the data object from said message in a first format and generating the modified graphical user interface component at the second user from said data object. However, Grauman discloses users to modify a graphical interface component of a plurality of applications, the graphical user interface including a graphical object and a data object, wherein the graphical user interface including a graphical object generates a graphical component of the graphical user interface and the data objects includes all data needed to parameterize a graphical component of the modified graphical user component such that at least one second user can recreate at a second location the modified graphical user interface, the data object also being a data component of the modified graphical user interface (allowing users to create formats or to make changes of a new email message by providing a list of available templates and custom controls placed in an e-envelop window, see figs.1, 2, abstract, col.4 line 38 to col.5 line 20 and col.6 lines 5-60), extracting a data object from said modified graphical

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user interface component and creating a message in a first format containing said data object and recreating the data object from said message in a first format and generating the modified graphical user interface component at the second user from said data object (formatting the e-envelope before transmitting email messages, see col.5 lines 21-49 and col.7 lines 9-61). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Grauman's teachings in the computer system of Hanson to process data information because it would have allowed email messages to be displayed consistently in different computer programs and networks and dramatically extended the capabilities of email communications.

Hanson suggests that multiple users (participants) can view the electronic form including the data object (see col.9 lines 29-65) but not simultaneously. However, Jacobs discloses enabling users to substantially simultaneously open and view the message (allowing users to simultaneously view and use any HTML document, see Jacobs' abstract, sections 1, 2, 3.1.3). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to incorporate Jacobs' teaching into the system of Hanson to support simultaneous work in the World Wide Web because it would have enabled two or more users at remote locations to work with the same HTML document, required no modifications of the servers (see Jacobs' section 1) and thus reduced hardware or software overheads in a communications network.

As to claim 3, Hanson discloses a method for the exchange of data and user interface components over a network, the method including steps of:

(a) a second user (participants 1-4 of fig.1) logging on to a server [a web server (16 fig.2) included server (6 fig.1)] (enabling participants to connect to the server and configuring to verify which participate is online/off line, see figs.1, 2, col.7 lines 11-48 and col.8 lines 3-20).

(b) the second user (one of participants) receiving from the server (server 16 of fig.2) a message in a first format sent to the second user by a first user (HTML form including name, network address, comment, see fig.3, col.8 lines 28-52).

(c) the second user at a second location opening and viewing the message including the data object for substantially viewing with the first user (the server send an email message to notify the receiving participants that a zaplet has been initiated and a segment to instruct a participant to view a web page according to the segment, see col.9 lines 29-65).

Hanson does not specifically disclose modifying a graphical interface component, extracting a data object from said modified graphical user interface component, creating a message in a first format containing said data object and generating a graphical object and a modified graphical user interface component comprised of the graphical object and the data object at the second user from said data object. However, Grauman discloses users to modify a graphical interface component (see figs.1, 2, abstract, col.4 line 38 to col.5 line 20), creating a message in a first format containing said data object

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and recreating the data object from said message in a first format and generating the modified graphical user interface component at the second user from said data object (formatting the e-envelope before transmitting email messages, see col.5 lines 21-49 and col.7 lines 9-61). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Grauman's teachings in the computer system of Hanson to process data information because it would have allowed email messages to be displayed consistently in different computer programs and networks and dramatically extended the capabilities of email communications.

Hanson suggests that multiple users (participants) can view the electronic form including the data object at their locations (see col.9 lines 29-65) but not simultaneously. However, Jacobs discloses enabling users to substantially simultaneously open and view the message (allowing users to simultaneously view and use any HTML document, see Jacobs' abstract, sections 1, 2, 3.1.3). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to incorporate Jacobs' teaching into the system of Hanson to support simultaneous work in the World Wide Web because it would have enabled two or more users at remote locations to work with the same HTML document, required no modifications of the servers (see Jacobs' section 1) and thus reduced hardware or software overheads in a communications network.

As to claim 5, Hanson discloses a method as claimed in claim 4, wherein both the first user and the second user (participants) can deal with the data object in real time such

that both the first user and the second user can view the result of the dealing (participants can view and input comments according to the content of the electronic form and the zaplet), the dealing with the data object being one or more selected from the group consisting of: highlighting, amending, deleting, and changing presentation as by text size, color, font, and so forth (participants can create a personal zaplet by inputting the text passage in the interaction part of the zaplet and displaying the update images, see Hanson's fig.7, col.12 lines 12-59). Hanson does not specifically disclose modifying a graphical interface component. However, Grauman discloses users to modify a graphical interface component (see figs.1, 2, abstract, col.4 line 38 to col.5 line 20). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Grauman's teachings in the computer system of Hanson to process data information because it would have allowed email messages to be displayed consistently in different computer programs and networks and dramatically extended the capabilities of email communications.

As to claim 6, Hanson further discloses that at login the first user provides a first user identifier information (Participant's information with a network address) (providing an electronic form including eligible participants ' name and network address field), the first user information being included in the message together with a second user information of the second user (sending to the server with the information to the other of the participants), the first user and the second user both being registered with the server (see Hanson's figs.3, 4, col.8 line 46 to col.9 line 37 and col.10 lines 27-60).



As to claim 7, Hanson further discloses a method as claimed in claim 6, wherein the second user is a plurality of users (participants 1-4 of fig.1, see Hanson's col.7 lines 11-39).

As to claim 8, Hanson further discloses a method as claimed in claim 1, wherein to send the message the first user (participant) drags and drops the message (transferring the form including HTTP request information) onto a transfer area (image server 18 fig.2) of a graphic user interface whereupon the message is sent to the server (encoding the request information into a compatible format with browsers, see Hanson's fig.2, col.7 line 52 to col.8 line 45). Hanson does not specifically disclose modifying a graphical interface component. However, Grauman discloses users to modify a graphical interface component (see figs.1, 2, abstract, col.4 line 38 to col.5 line 20). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Grauman's teachings in the computer system of Hanson to process data information because it would have allowed email messages to be displayed consistently in different computer programs and networks and dramatically extended the capabilities of email communications.

As to claim 9, Hanson further discloses a method as claimed in claim 6, wherein the message can be in one or more of a plurality of categories (various classes of participants), the first user and the second user specifying those categories of

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messages they wish to receive when registering with the server, the server maintaining a list of all categories (five classes of email clients: new PC email clients, web clients, older email clients, text email clients and American On Line clients) and, before sending the message to the second user, ensures it is of a category which the second user will receive, the message including at least one category into which the message can be classified (server can be configured to identify the capability of a participant, see Hanson's fig.4, col.10 lines 26-60 and col.11 lines 4-46). Hanson does not specifically disclose modifying a graphical interface component. However, Grauman discloses users to modify a graphical interface component (see figs.1, 2, abstract, col.4 line 38 to col.5 line 20). It would have been obvious to one of the ordinary skill in the art at the time the invention was made to implement Grauman's teachings in the computer system of Hanson to process data information because it would have allowed email messages to be displayed consistently in different computer programs and networks and dramatically extended the capabilities of email communications.

As to claim 11, Hanson discloses a method as claimed in claim 10, wherein both the first user and the second user (participants) can deal with the data object in real time such that both the first user and the second user can view the result of the dealing (participants can view and input comments according to the content of the electronic form and the zaplet), the dealing with the data object being one or more selected from the group consisting of: highlighting, amending, deleting, and changing presentation as by text size, color, font, and so forth (participants can create a personal zaplet by

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inputting the text passage in the interaction part of the zaplet and displaying the update images, see Hanson's fig.7, col.12 lines 12-59).

As to claim 12, Hanson further discloses a method as claimed in claim 2, wherein at login the first user provides a first user identifier information (Participant's information with a network address) (providing an electronic form including eligible participants' name and network address field), the first user information being included in the message together with a second user information of the second user (sending to the server with the information to the other of the participants), the first user and the second user both being registered with the server (see Hanson's figs.3, 4, col.8 line 46 to col.9 line 37 and col.10 lines 27-60).

As to claim 13, Hanson further discloses a method as claimed in claim 12, wherein the second user is a plurality of users (participants 1-4 of fig.1) (see Hanson's col.7 lines 11-39).

As to claim 14, Hanson further discloses a method as claimed in claim 2, wherein to send the message the first user (participant) drags and drops the message (transferring the form including HTTP request information) onto a transfer area (image server 18 fig.2) of a graphic user interface whereupon the message is sent to the server (encoding the request information into a compatible format with browsers, see Hanson's fig.2, col.7 line 52 to col.8 line 45).

As to claim 15, Hanson further discloses a method as claimed in claim 12, wherein the message can be in one or more of a plurality of categories (various classes of participants), the first user and the second user specifying those categories of messages they wish to receive when registering with the server, the server maintaining a list of all categories (five classes of email clients: new PC email clients, web clients, older email clients, text email clients and American On Line clients) and, before sending the message to the second user, ensures it is of a category which the second user will receive, the message including at least one category into which the message can be classified (server can be configured to identify the capability of a participant, see Hanson's fig.4, col.10 lines 26-60 and col.11 lines 4-46).

As to claim 17, Hanson discloses a method as claimed in claim 16, wherein both the first user and the second user (participants) can deal with the data object in real time such that both the first user and the second user can view the result of the dealing (participants can view and input comments according to the content of the electronic form and the zaplet), the dealing with the data object being one or more selected from the group consisting of: highlighting, amending, deleting, and changing presentation as by text size, color, font, and so forth (participants can create a personal zaplet by inputting the text passage in the interaction part of the zaplet and displaying the update images, see Hanson's fig.7, col.12 lines 12-59).

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As to claim 18, Hanson further discloses a method as claimed in claim 3, wherein at login the first user provides a first user identifier information (Participant's information with a network address) (providing an electronic form including eligible participants' name and network address field), the first user information being included in the message together with a second user information of the second user (sending to the server with the information to the other of the participants), the first user and the second user both being registered with the server (see Hanson's figs.3, 4, col.8 line 46 to col.9 line 37 and col.10 lines 27-60).

As to claim 19, Hanson further discloses a method as claimed in claim 18, wherein the second user is a plurality of users (participants 1-4 of fig.1, see Hanson's fig.1, col.7 lines 11-39).

As to claim 20, Hanson further discloses a method as claimed in claim 3, wherein to send the message the first user (participant) drags and drops the message (transferring the form including HTTP request information) onto a transfer area (image server 18 fig.2) of a graphic user interface whereupon the message is sent to the server (encoding the request information into a compatible format with browsers, see Hanson's fig.2, col.7 line 52 to col.8 line 45).

As to claim 21, Hanson further discloses a method as claimed in claim 18, wherein the message can be in one or more of a plurality of categories (various classes of

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participants), the first user and the second user specifying those categories of messages they wish to receive when registering with the server, the server maintaining a list of all categories (five classes of email clients: new PC email clients, web clients, older email clients, text email clients and American On Line clients) and, before sending the message to the second user, ensures it is of a category which the second user will receive, the message including at least one category into which the message can be classified (server can be configured to identify the capability of a participant, see Hanson's fig.4, col.10 lines 26-60 and col.11 lines 4-46).

As to claims 29-31, Hanson discloses the first format comprising an XML format and storing the message until the second user is connected to the server if the second server is not connected to the server (see fig.1, col.5 line 60 to col.6 line 38 and col.7 lines 11-51).

### ***Response to Arguments***

8. Applicant's arguments filed on 10/11/2005 have been fully considered but they are not persuasive.

a. Applicant asserts that the cited references do not disclose modifying a graphical interface component of a plurality of applications, the graphical user interface including a graphical object and a data object, wherein the graphical user interface including a graphical object generates a graphical component of the graphical user interface and the data objects includes all data needed to

parameterize a graphical component of the modified graphical user component such that at least one second user can recreate at a second location the modified graphical user interface, the data object also being a data component of the modified graphical user interface.

*\* Examiner respectfully disagrees. Examiner respectfully points out that Grauman discloses modify a graphical interface component of a plurality of applications, the graphical user interface including a graphical object and a data object, wherein the graphical user interface including a graphical object generates a graphical component of the graphical user interface and the data objects includes all data needed to parameterize a graphical component of the modified graphical user component such that at least one second user can recreate at a second location the modified graphical user interface, the data object also being a data component of the modified graphical user interface (allowing users to create formats or to make changes of a new email message by providing a list of available templates and custom controls placed in an e-envelope window, see figs. 1, 2, abstract, col.4 line 38 to col.5 line 20 and col.6 lines 5-60) as rejected above.*

### **Conclusion**

9. Claims 1-3, 5-9, 11-15, 17-31 are rejected.
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Khanh Dinh whose telephone number is (571) 272-

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3936. The examiner can normally be reached on Monday through Friday from 8:00 A.m. to 5:00 P.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung, can be reached on (571) 272-3939. The fax phone number for this group is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Khanh Dinh  
Patent Examiner  
Art Unit 2151  
11/9/2005